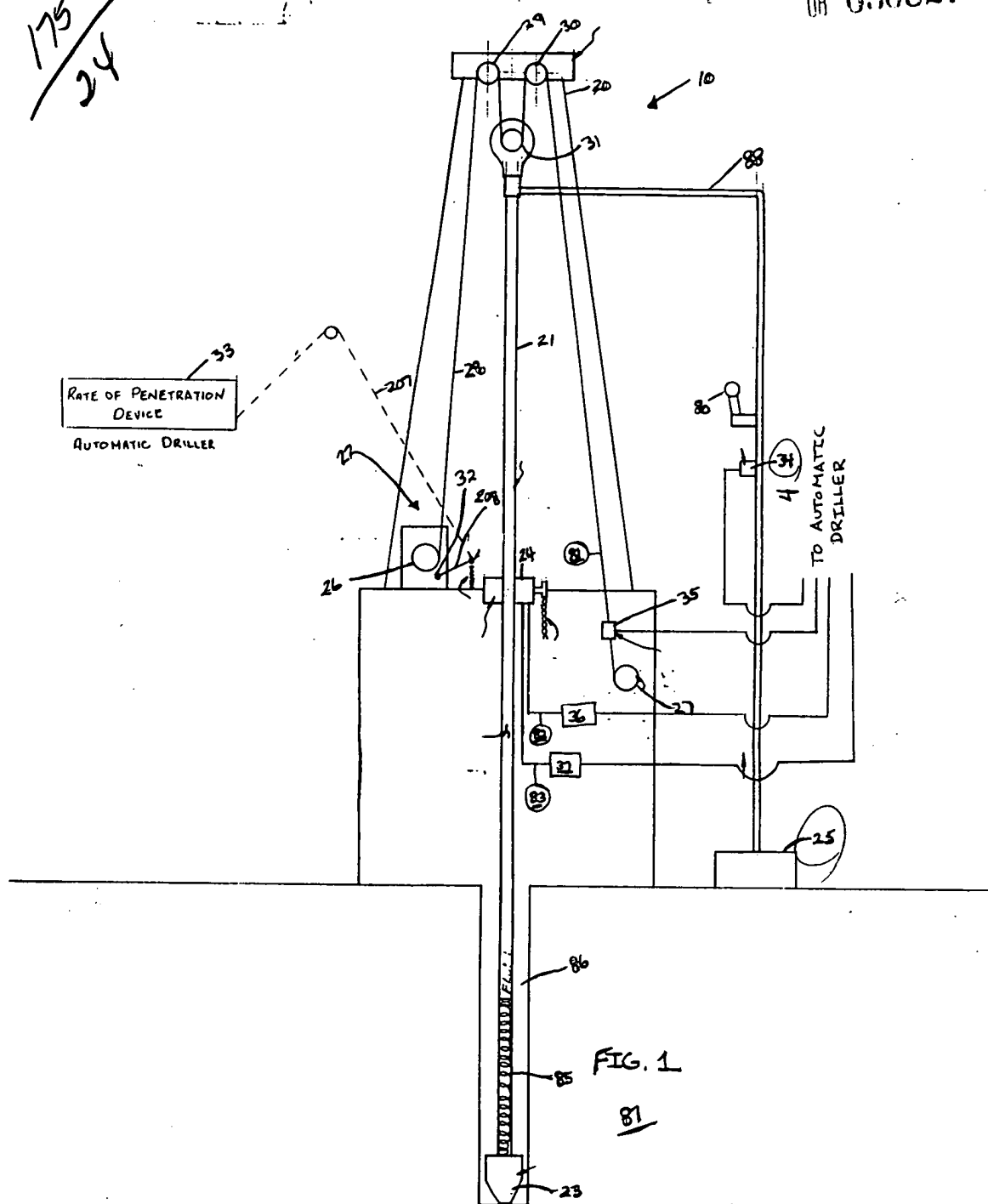


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ORIGINAL FILED

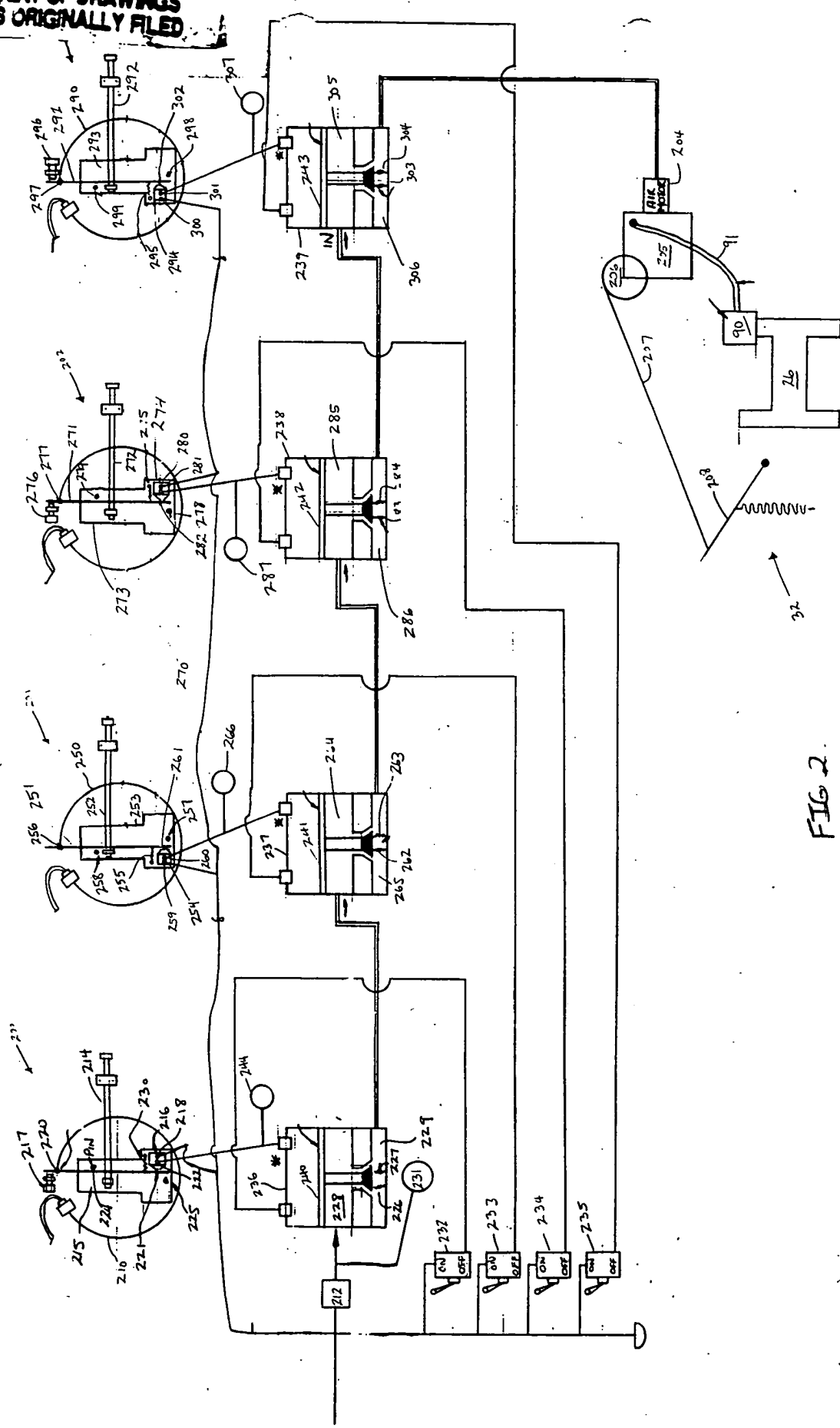


FIG. 2

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FIG 3

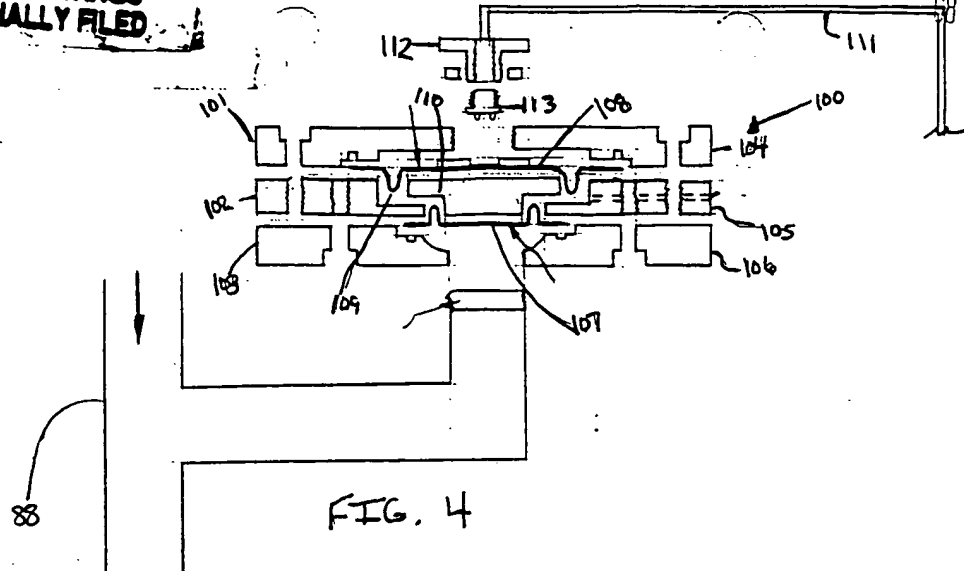
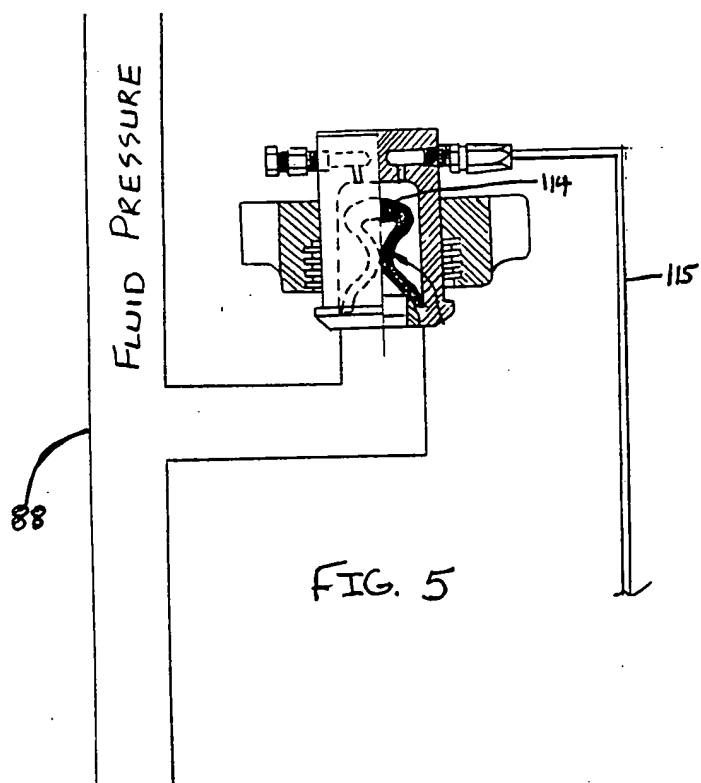
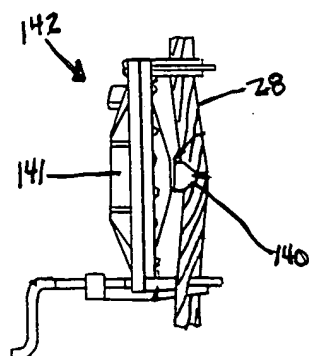
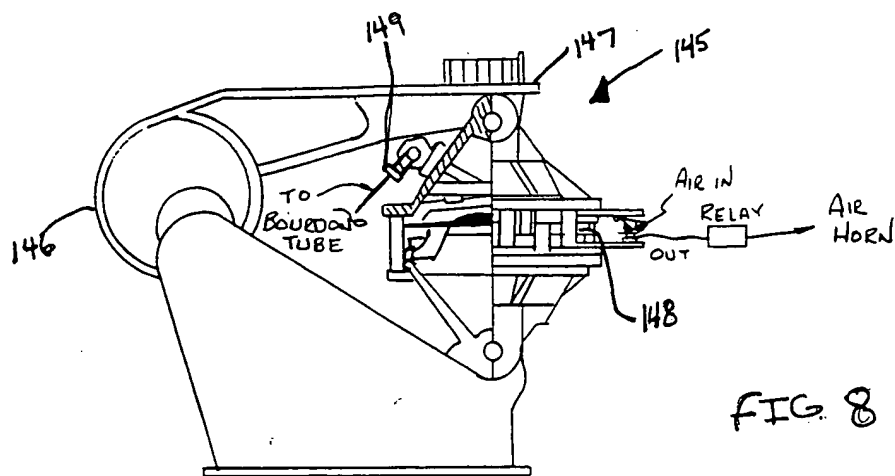


FIG. 4







DRILL LINE TENSION CONTROL SENSING

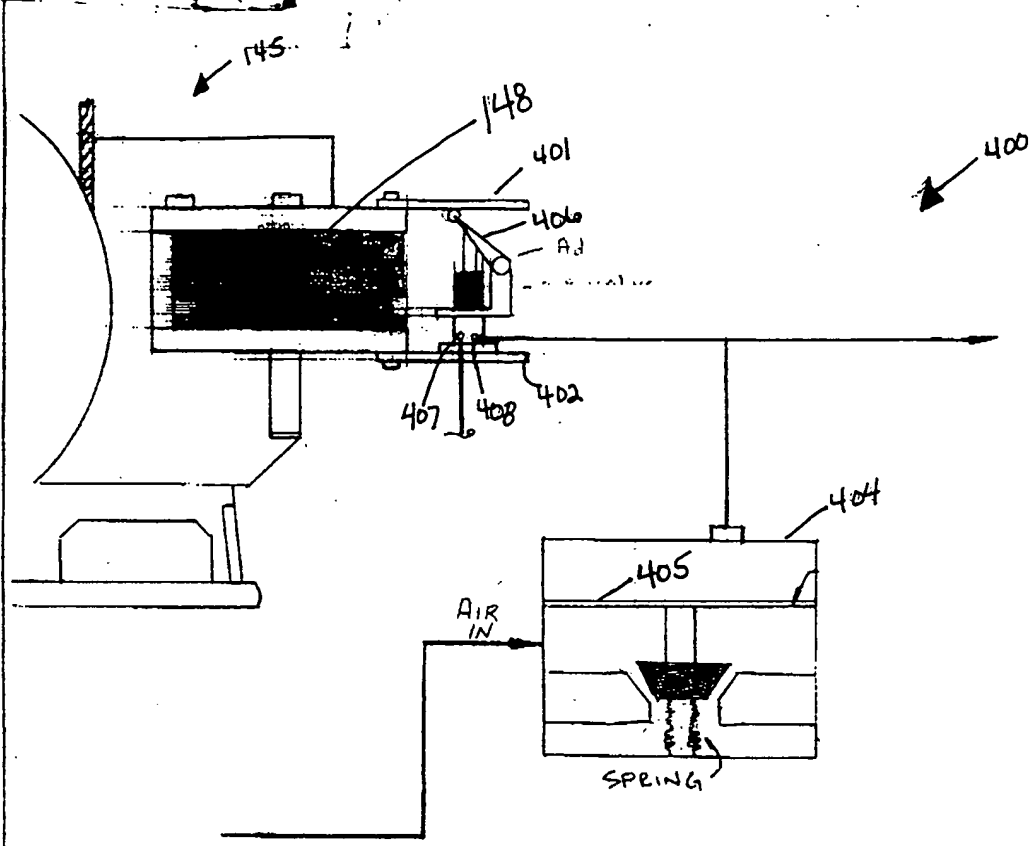


FIG. 9



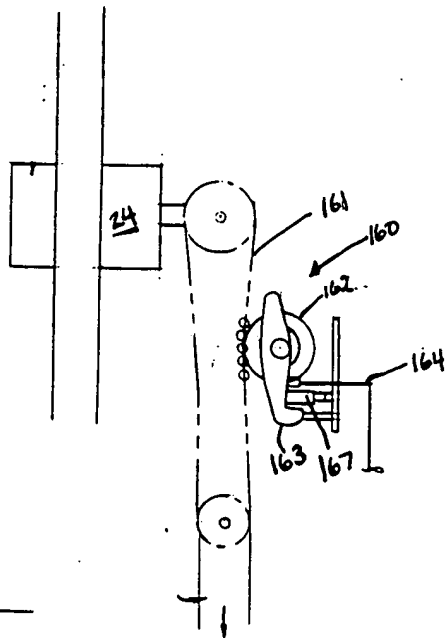


FIG. 10

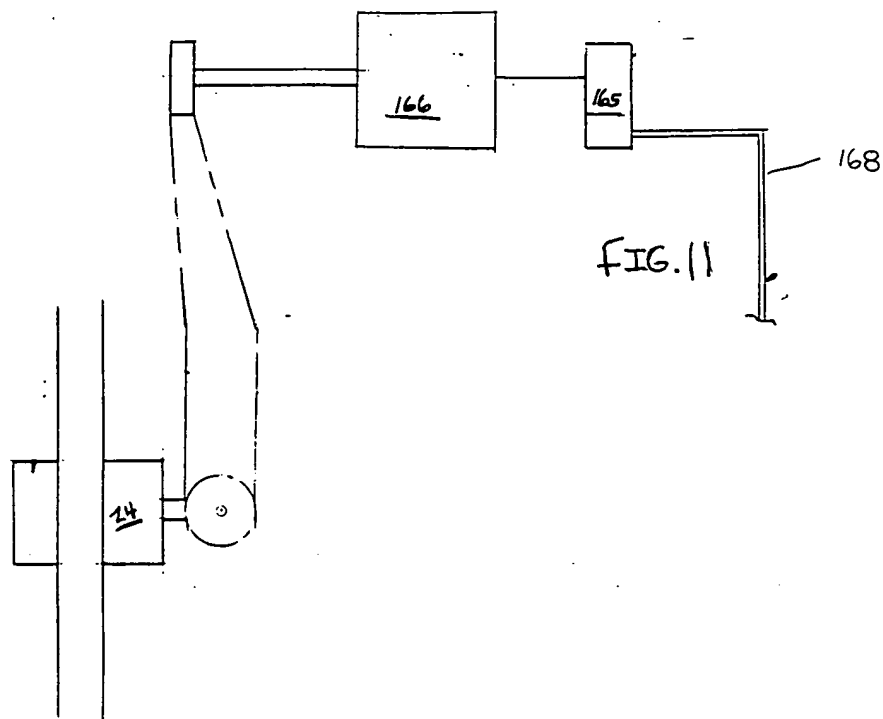


FIG. 11

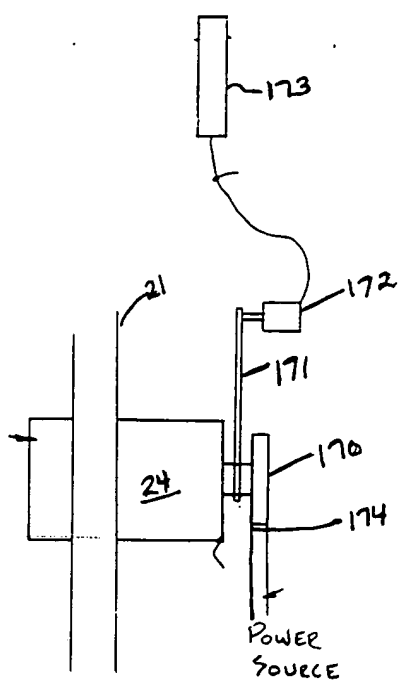


FIG. 12

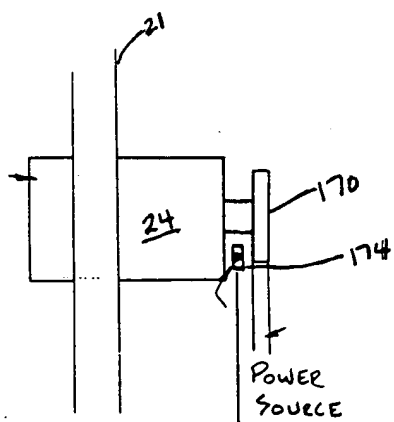
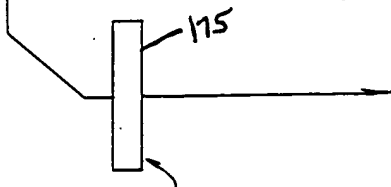


FIG. 13



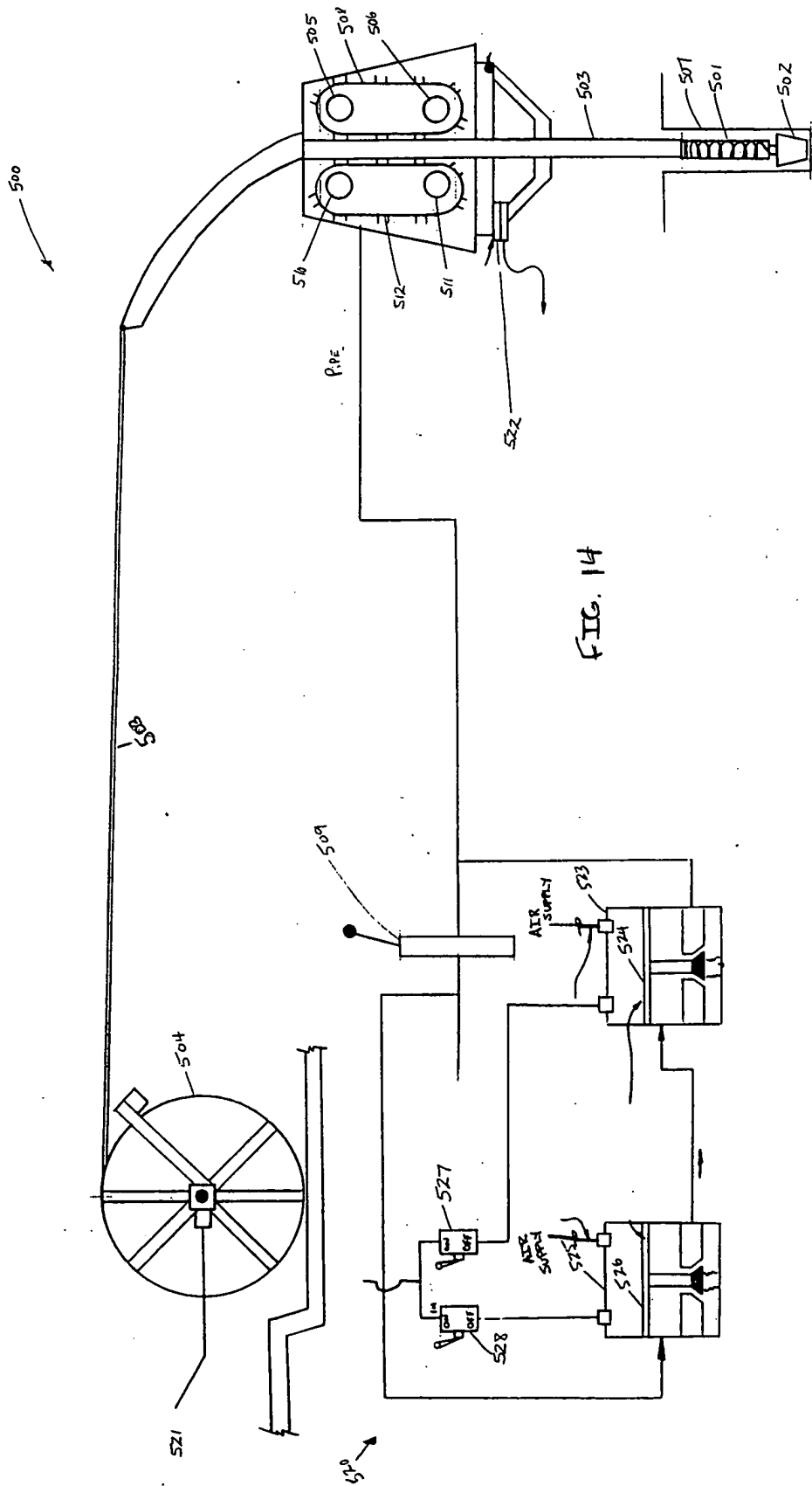


FIG. 14